MAXADAPTOR® Couplings - Submittal
Performance Sewer Repair Coupling

PROJECT ____________________________________
ENGINEER ___________________________________
CONTRACTOR _________________________________

Gripper Gasket LLC
1660 Leeson Lane
Corona, CA 92879
(951) 479-4999 • Fax (951) 479-4997
maxadaptor.com

The Only Universal Sewer Repair Coupling —
ONE SIZE FITS ALL


MAXADAPTOR® Couplings are designed for the repair of most types and sizes of
gravity flow, non-pressure sewer/drainage pipes. One coupling per nominal
diameter joins clay, ductile iron, asbestos cement, cast iron and plastic. Couplings
are available in sizes 4” through 12”.

Leak-Proof Seal - AISI 304 series stainless steel components and high impact
polyamide (nylon) securing cage provide sufficient band load to ensure a
water-tight, leak-proof seal that is resistant to both infiltration and exfiltration.

Corrosion Resistant - AISI 304 series stainless steel components provide highly
effective corrosion resistance in a variety of environments; such as marine
applications, poorly aerated or moist soils, contaminated ground conditions
(particularly industrial fill sites) and where the ground water contains chloride,
sulfates or bicarbonates.

MAXADAPTOR® Couplings - Specifications

Shear Band - Series 304 ASTM stainless steel
Screw Housing - Series 304 ASTM stainless steel
Screw Nut - Series 304 ASTM stainless steel
Securing Cage - High impact polyamide (nylon)
Gasket - EPDM rubber

Withstands Tension and Compression - EPDM rubbers permit a substantial
degree of distortion without change in basic physical resistance, unlike other
manufacturers’ thermoplastic gasket materials. Molded rubber gasket is strong,
durable and resilient to ultraviolet rays, ozone, fungus growth, natural erosive
properties of soil and normal sewer gases. More pliable and easier to install in cold
weather applications than an elastomeric PVC gasket.

Internal "Pipe Stop" - For proper pipe positioning and noise/vibration reduction.
Joint Movement Restraint - Coupling provides for superior load bearing control
between the coupling and pipe surface. The coupling's rugged construction
provides excellent sealing properties, and the stainless steel band plus securing
cage offers excellent resistance to shear forces and helps with alignment,
while maintaining flexibility.

Pre-Set Calibration - Designed to be installed with a cordless drill to 80 in/lbs.
minimum torque to accommodate the AISI 305 series stainless steel ⁵/₁₆” hex head
screw.

MAXADAPTOR® Couplings - MEETS:
ASTM C 1173
UPC 4224

Material Data

<table>
<thead>
<tr>
<th>Test</th>
<th>Gasket Physical Tests (ASTM C1173)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength</td>
<td>1000 PSI minimum</td>
</tr>
<tr>
<td>Elongation</td>
<td>200% minimum</td>
</tr>
<tr>
<td>Durometer (Shore A)</td>
<td>50 minimum 75 maximum</td>
</tr>
<tr>
<td>Heat Aging</td>
<td>75% original tensile strength</td>
</tr>
<tr>
<td>Ozone Cracking</td>
<td>No visible cracking at 2X magnification of the gasket after 24 hours exposure in 0.5 PPHM ozone concentrations at 40°C. Testing and inspection to be on gasket which is loop-mounted to give approximately 20% elongation of outer surface.</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>20% maximum by weight after 7 days at 70°F</td>
</tr>
<tr>
<td>Chemical Resistance</td>
<td>No weight loss 48 hours at 74°F</td>
</tr>
</tbody>
</table>

MAXADAPTOR® Couplings - Submittal
Performance Sewer Repair Coupling

PROJECT ____________________________________
ENGINEER ___________________________________
CONTRACTOR _________________________________

MAXADAPTOR® Couplings - Specifications

Shear Band - Series 304 ASTM stainless steel
Screw Housing - Series 304 ASTM stainless steel
Screw Nut - Series 304 ASTM stainless steel
Securing Cage - High impact polyamide (nylon)
Gasket - EPDM rubber

Withstands Tension and Compression - EPDM rubbers permit a substantial
degree of distortion without change in basic physical resistance, unlike other
manufacturers’ thermoplastic gasket materials. Molded rubber gasket is strong,
durable and resilient to ultraviolet rays, ozone, fungus growth, natural erosive
properties of soil and normal sewer gases. More pliable and easier to install in cold
weather applications than an elastomeric PVC gasket.

Internal "Pipe Stop" - For proper pipe positioning and noise/vibration reduction.
Joint Movement Restraint - Coupling provides for superior load bearing control
between the coupling and pipe surface. The coupling's rugged construction
provides excellent sealing properties, and the stainless steel band plus securing
cage offers excellent resistance to shear forces and helps with alignment,
while maintaining flexibility.

Pre-Set Calibration - Designed to be installed with a cordless drill to 80 in/lbs.
minimum torque to accommodate the AISI 305 series stainless steel ⁵/₁₆” hex head
screw.